Application No.: 10/568,393 Response under 37 C.F.R. §1.111
Art Unit: 1796 Attorney Docket No.: 062072

AMENDMENTS TO THE CLAIMS

The listing of claims below replaces all prior versions of claims in the application.

Claim 1 (Currently Amended): Silica-filled rubber granules wherein the granules are

comprised of dried granules of a cocoagulation product of rubber and silica having an average

particle diameter (D50) of 300~3000 μm and a weight ratio of the granules within the range of

D50±(D50×0.5) is at least 50% by weight, and wherein the granules having a sphericity of at

least 0.6 0.68-0.85 determined by a ratio of the major axis (D_L) and the minor axis (D_S) of the

granules (D_L/D_S) .

Claim 2 (Previously Presented): Silica-filled rubber granules according to claim 1,

wherein a weight ratio of the granules within the range of D50 \pm (D50 \times 0.5) is at least 80% by

weight.

Claim 3 (Original): Cross-linked rubber obtained by cross-linking the silica-filled rubber

granules according to claim 1 or 2.

Claim 4 (Withdrawn): A process for producing silica-filled rubber granules which

comprises supplying a cake of a cocoagulation product of silica and rubber having a water

content of 40~80% by weight to a drier provided with an indirect-heating type container

- 3 -

Application No.: 10/568,393 Response under 37 C.F.R. §1.111

Art Unit: 1796 Attorney Docket No.: 062072

equipped with stirring wing blades, stirring the cake while applying shearing force to the cake

with the stirring wing blades, and then drying the cake.

Claim 5 (Withdrawn): A process for producing silica-filled rubber granules according to

claim 4, wherein the cake is divided and fed to the drier.

Claim 6 (Withdrawn): A process for producing silica-filled rubber granules according to

claim 4 or 5, wherein the clearance (t) between the stirring wing blades and the wall of the

container is adjusted to $2\sim50$ mm.

Claim 7 (Currently Amended): Silica-filled rubber granules according to claim 1, wherein

the granules are comprised of dried granules of a cocoagulation product of rubber and silica

having an average particle diameter (D50) of $300 \sim 3000$ µm and a weight ratio of the granules

within the range of D50±(D50×0.5) is at least 50% by weight, and wherein the granules having a

sphericity [[is]] of at least 0.68 determined by a ratio of the major axis (D_L) and the minor axis

 (D_S) of the granules (D_I/D_S) .

- 4 -